

AMENDMENTS TO THE CLAIMS

1. (Previously presented) A golf club, comprising: a club head, and a shaft connected to the club head, said club head including a body having a ball striking face wall and a perimeter wall extending rearwardly from the face wall, and an abutment fixed in the club head body spaced rearwardly from the ball striking face wall positioned sufficiently close to the face wall so the face wall impacts the abutment at a given club head speed, said abutment including a generally planar secondary wall fixed in the club head body extending behind and across a substantial portion of the ball striking face wall, said secondary planar wall being formed integrally with the perimeter wall and said secondary planar wall being solely supported on the perimeter wall and the face wall, said ball striking face wall being fixed adjacent the perimeter of the secondary wall.

2. (Previously presented) A golf club as defined in Claim 1, wherein the face wall is thinner than .100 inches, and the generally planar wall has reinforcing elements on its rear surface.

3. (Previously presented) A golf club as defined in Claim 1, wherein the generally planar wall is substantially parallel to and extends across the ball striking face wall.

4. (Previously presented) A line of golf clubs designed to customize the golf club to the swing speed range of the golfer, comprising: a plurality of golf clubs each including a club head with a shaft connected thereto, each of the club heads including a body with a ball striking face wall and a perimeter wall extending rearwardly from the ball striking face wall, a generally planar secondary wall in the club head body, generally parallel to and extending a substantial distance across and behind the ball striking face wall, the ball striking face wall in at least one of the golf clubs having a higher modulus of elasticity than the ball striking face wall in at least another of the golf clubs, said secondary wall being spaced sufficiently close to the ball striking face wall so the face wall impacts the secondary wall at a given club head speed, said secondary planar wall being formed integrally with the perimeter wall and said secondary planar wall being solely supported on the

perimeter wall and the face wall, said ball striking face wall being fixed adjacent the perimeter of the secondary wall.

5. (Previously presented) A line of golf clubs as defined in Claim 4, wherein the ball striking face wall in at least one of the golf clubs is generally thinner than the ball striking face wall in another of the golf clubs.

6. (Previously presented) A line of golf clubs as defined in Claim 4, wherein the secondary wall is spaced further from the ball striking face wall in at least one of the golf clubs than the secondary wall is spaced from the ball striking face wall in at least another of the golf clubs.

7. (Previously presented) A line of golf clubs as defined in Claim 4, wherein the club head body has a standardized configuration, said face wall including a plurality of different modulus face walls interchangeable in the standardized club head body.

8. (Previously presented) A line of golf clubs as defined in Claim 4, wherein the face walls have different thickness to vary the face modulus in each.

9. (Previously presented) A line of golf clubs as defined in Claim 4, wherein the higher modulus face wall club head has a secondary wall spaced closer to the face wall than the lower modulus face wall club head secondary wall.

10. (Cancelled)

11. (Cancelled)

12. (Cancelled)

13. (Cancelled)

14. (Cancelled)

15. (Cancelled)

16. (Cancelled)

17. (Cancelled)

18. (Cancelled)

19. (Cancelled)

20. (Previously presented) A line of production golf clubs customized for golfers' swing speeds, comprising: a plurality of golf club heads having similar shapes and weights, a plurality of shafts connected to the club heads, each of said club heads having a ball striking face wall and a perimeter wall that extends rearwardly from at least a portion of the face wall, said line of clubs being constructed so that modulus of elasticity of the face walls in each of a plurality of discrete swing speed ranges increases as the swing speed ranges increase, said face modulus of elasticity being low in a lower portion of each of the speed ranges to provide increased face wall deflection near the elastic limit of the face wall in each swing speed range, and a secondary planar wall to increase the modulus of elasticity in each club in the line in an upper portion of each of the swing speed ranges, said secondary planar wall being formed integrally with the perimeter wall and said secondary planar wall being solely supported on the perimeter wall and the face wall, said ball striking face wall being fixed adjacent the perimeter of the secondary wall.